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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

  NEWS  1            Web Page for STN Seminar Schedule - N. America
  NEWS  2  DEC 01    ChemPort single article sales feature unavailable
  NEWS  3  JUN 01    CAS REGISTRY Source of Registration (SR) searching
                     enhanced on STN
  NEWS  4  JUN 26    NUTRACEUT and PHARMAML no longer updated
  NEWS  5  JUN 29    IMSCOPROFILE now reloaded monthly
  NEWS  6  JUN 29    EPFULL adds Simultaneous Left and Right Truncation
                     (SLART) to AB, MCLM, and TI fields
  NEWS  7  JUL 09    PATDPAFULL adds Simultaneous Left and Right
                     Truncation (SLART) to AB, CLM, MCLM, and TI fields
  NEWS  8  JUL 14    USGENE enhances coverage of patent sequence location
                     (PSL) data
  NEWS  9  JUL 27    CA/CAplus enhanced with new citing references
  NEWS 10  JUL 16    GBFULL adds patent backfile data to 1855
  NEWS 11  JUL 21    USGENE adds bibliographic and sequence information
  NEWS 12  JUL 28    EPFULL adds first-page images and applicant-cited
                     references
  NEWS 13  JUL 28    INPADOCDB and INPAFAMDB add Russian legal status data
  NEWS 14  AUG 08    Improve STN by completing a survey and be entered to
                     win a gift card
  NEWS 15  AUG 10    Time limit for inactive STN sessions doubles to 40
                     minutes

  NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
               AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

  NEWS HOURS    STN Operating Hours Plus Help Desk Availability
  NEWS LOGIN    Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN customer
  agreement.  This agreement limits use to scientific research.  Use
  for software development or design, implementation of commercial
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  products is prohibited and may result in loss of user privileges
  and other penalties.

*********************************************************************
*                                                                   *
* Please take a couple of minutes to complete our short survey.  Your *
* name will be entered to win one of five $20 Amazon.com gift cards.   *
*                                                                   *
* See NEWS 14 for details or go directly to the survey at:            *
* http://www.zoomerang.com/Survey/?p=WEB229H4S8Q5UL                   *

```
*                                                                          *
**************************************************************************

* * * * * * * * * * * * * STN   Columbus   * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:52:50 ON 10 AUG 2009

=> fil reg
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                     ENTRY       SESSION
FULL ESTIMATED COST                                   0.22         0.22

FILE 'REGISTRY' ENTERED AT 08:53:08 ON 10 AUG 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:    9 AUG 2009   HIGHEST RN 1173690-68-0
DICTIONARY FILE UPDATES:   9 AUG 2009   HIGHEST RN 1173690-68-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\QUERIES\105537311.str
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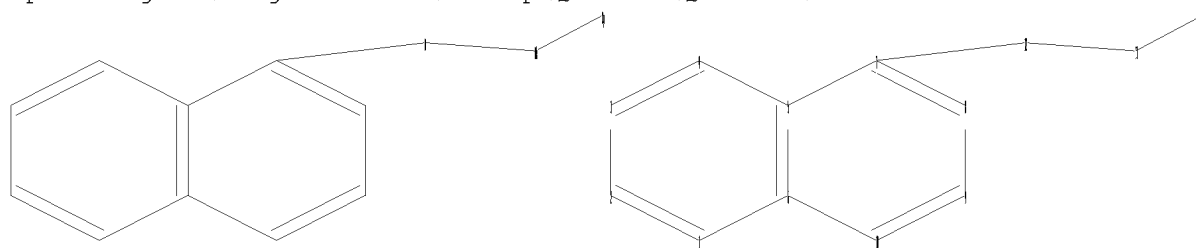


```
chain nodes :
12  13  14
ring nodes :
1  2  3  4  5  6  7  8  9  10
chain bonds :
7-12   12-13   13-14
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-10  7-8  8-9  9-10
exact/norm bonds :
7-12   12-13   13-14
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-10  7-8  8-9  9-10
isolated ring systems :
```

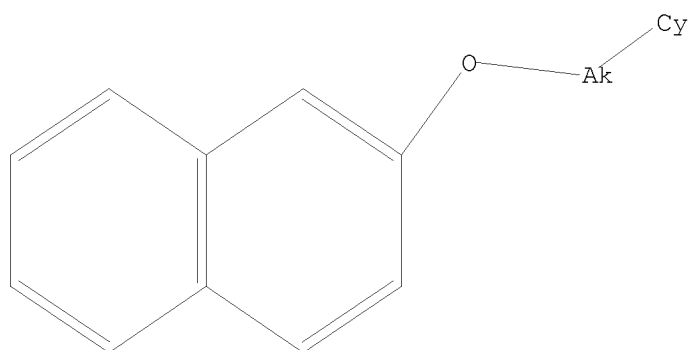containing 1 :

G1:O,S,N

Match level :
1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  12:CLASS  13:CLASS  14:CLASS

L1          STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1                STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 08:53:21 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    35379 TO ITERATE

   5.7% PROCESSED     2000 ITERATIONS                              50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE   **COMPLETE**
                         BATCH    **COMPLETE**
PROJECTED ITERATIONS:       696331 TO    718829
PROJECTED ANSWERS:           21977 TO     26137

L2          50 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 08:53:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   708856 TO ITERATE

100.0% PROCESSED   708856 ITERATIONS                          28427 ANSWERS
SEARCH TIME: 00.00.06

L3          28427 SEA SSS FUL L1

=> s l3 and caplus/lc

```
         68168909 CAPLUS/LC
L4        13799 L3 AND CAPLUS/LC

=> s l3 not l4
L5        14628 L3 NOT L4

=> d l5 14620-14628
```

RN    22589-48-6  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2-Naphthalenecarboxylic acid, 3-(2-oxiranylmethoxy)-, ethyl ester  (CA
      INDEX NAME)
OTHER CA INDEX NAMES:
CN    2-Naphthoic acid, 3-(2,3-epoxypropoxy)-, ethyl ester (8CI)
MF    C16 H16 O4
CI    COM
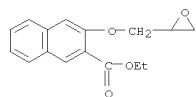
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    13170-38-2  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2,3-Naphthalenediol, 5-amino-, 2,3-dibenzoate  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    2,3-Naphthalenediol, 5-amino-, dibenzoate (ester) (8CI)
MF    C24 H17 N O4
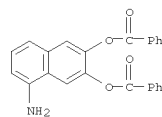
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    6629-77-2  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2-Naphthalenol, 1-[(dimethylamino)methyl]-, 2-(4-aminobenzoate)  (CA
INDEX
      NAME)
OTHER CA INDEX NAMES:
CN    2-Naphthalenol, 1-[(dimethylamino)methyl]-, 4-aminobenzoate (ester) (9CI)
OTHER NAMES:
CN    NSC 57997
MF    C20 H20 N2 O2
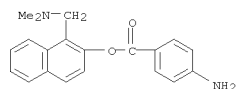
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    6629-75-0  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2-Naphthalenol, 1-[(dimethylamino)methyl]-, 2-benzoate, hydrochloride
      (1:1)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    2-Naphthalenol, 1-[(dimethylamino)methyl]-, benzoate (ester),
      hydrochloride (9CI)
OTHER NAMES:
CN    NSC 57995
MF    C20 H19 N O2 . Cl H
CRN   (756754-28-6)

● HCl
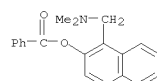
RN    6629-74-9  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2-Naphthalenol, 1-[(dimethylamino)methyl]-, 2-(4-nitrobenzoate),
      hydrochloride (1:1)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    2-Naphthalenol, 1-[(dimethylamino)methyl]-, 4-nitrobenzoate (ester),
      monohydrochloride (9CI)
OTHER NAMES:
CN    NSC 57994
MF    C20 H18 N2 O4 . Cl H
CRN   (784075-65-6)



● HCl
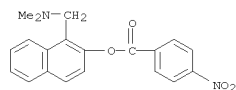
RN    6316-50-3  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propen-1-yl)-,
      2-naphthalenyl ester  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-,
      2-naphthalenyl ester (9CI)
OTHER NAMES:
CN    NSC 22548
MF    C20 H22 O2
LC    STN Files:   BEILSTEIN*
         (*File contains numerically searchable property data)
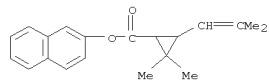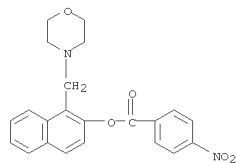


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    6277-77-6  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2H-Pyran-5-carboxylic acid, 4,6-dimethyl-2-oxo-, 2-naphthalenyl ester
(CA
      INDEX NAME)
OTHER NAMES:
CN    NSC 34897
MF    C18 H14 O4
LC    STN Files:   BEILSTEIN*
         (*File contains numerically searchable property data)
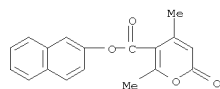


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    5398-98-1  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2-Naphthalenol, 1-(4-morpholinylmethyl)-, 2-(4-nitrobenzoate)  (CA INDEX
      NAME)
OTHER CA INDEX NAMES:
CN    2-Naphthalenol, 1-(4-morpholinylmethyl)-, 4-nitrobenzoate (ester) (9CI)
OTHER NAMES:
CN    NSC 3687
MF    C22 H20 N2 O5
LC    STN Files:   CHEMCATS
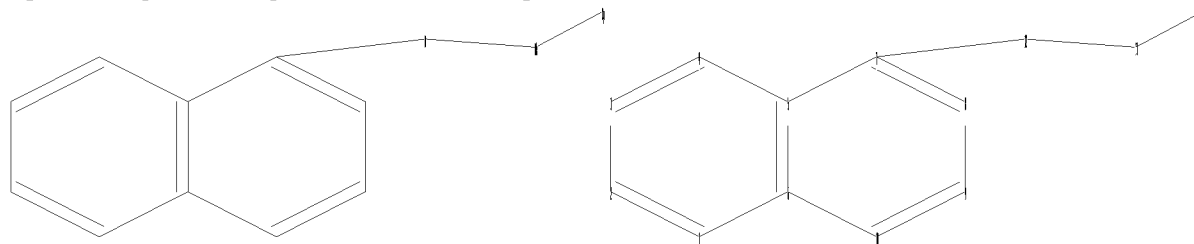


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    4705-96-8   REGISTRY
ED    Entered STN:  16 Nov 1984
CN    Benzoic acid, 2,4,6-trinitro-, 1,4-dimethyl-2-naphthalenyl ester   (CA
      INDEX NAME)
MF    C19 H13 N3 O8
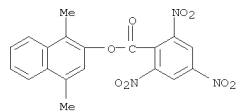


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

=>
Uploading C:\Program Files\Stnexp\Queries\QUERIES\105537311.str



chain nodes :
12   13   14
ring nodes :
1   2   3   4   5   6   7   8   9   10
chain bonds :
7-12   12-13   13-14
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10   7-8   8-9   9-10
exact/norm bonds :
7-12   12-13   13-14
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10   7-8   8-9   9-10
isolated ring systems :
containing 1 :


G1:O,S,N

Match level :
1:CLASS   2:CLASS   3:CLASS   4:CLASS   5:CLASS   6:CLASS   7:CLASS   8:CLASS   9:CLASS
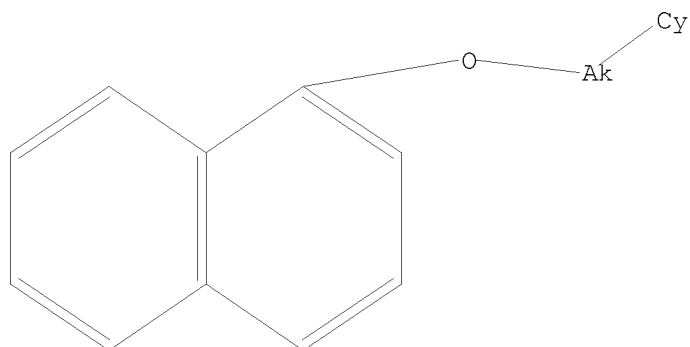10:CLASS   12:CLASS   13:CLASS   14:CLASS




L6        STRUCTURE UPLOADED

=> d
L6 HAS NO ANSWERS
L6                STR

G1 O,S,N


Structure attributes must be viewed using STN Express query preparation.


```
=> s l6
SAMPLE SEARCH INITIATED 08:54:37 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    35379 TO ITERATE

  5.7% PROCESSED     2000 ITERATIONS                              50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       696331 TO   718829
PROJECTED ANSWERS:           15905 TO    19473

L7           50 SEA SSS SAM L6

=> s l6 full
FULL SEARCH INITIATED 08:54:42 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   708856 TO ITERATE

100.0% PROCESSED   708856 ITERATIONS                        16805 ANSWERS
SEARCH TIME: 00.00.06

L8        16805 SEA SSS FUL L6

=> s l8 and caplus/lc
      68168909 CAPLUS/LC
L9        11287 L8 AND CAPLUS/LC

=> s l8 not l9
L10        5518 L8 NOT L9

=> d l10 5500-5518
```
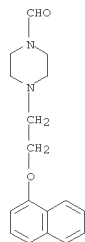
RN    56229-88-0  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    1-Piperazinecarboxaldehyde, 4-[2-(1-naphthalenyloxy)ethyl]-  (CA INDEX
      NAME)
MF    C17 H20 N2 O2
CI    COM
LC    STN Files:   BEILSTEIN*
          (*File contains numerically searchable property data)



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    52798-70-6  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    Benzoic acid, 3-[[imino(methylthio)methyl]amino]-, 1-naphthalenyl ester
      (CA INDEX NAME)
MF    C19 H16 N2 O2 S
CI    COM
LC    STN Files:   BEILSTEIN*
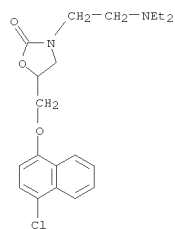          (*File contains numerically searchable property data)
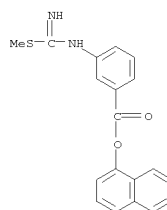


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    51670-12-3  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    1-Naphthalenol, 7-nitro-3-phenyl-, 1-benzoate  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    1-Naphthalenol, 7-nitro-3-phenyl-, benzoate (ester) (9CI)
MF    C23 H15 N O4
LC    STN Files:   BEILSTEIN*
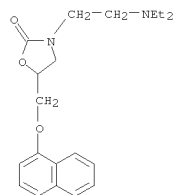          (*File contains numerically searchable property data)
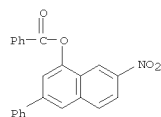


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    47486-59-9  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2-Oxazolidinone, 5-[[(4-chloro-1-naphthalenyl)oxy]methyl]-3-[2-
      (diethylamino)ethyl]-  (CA INDEX NAME)
MF    C20 H25 Cl N2 O3
CI    COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN   47448-82-8  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   2-Oxazolidinone, 3-[2-(diethylamino)ethyl]-5-[(1-naphthalenyloxy)methyl]-
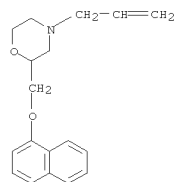     (CA INDEX NAME)
MF   C20 H26 N2 O3
CI   COM

CH₂—CH₂—NEt₂ structure

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN   47293-56-1  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   Morpholine, 4-cyclopentyl-2-[(1-naphthalenyloxy)methyl]-  (CA INDEX NAME)
MF   C20 H25 N O2
CI   COM
LC   STN Files:  BEILSTEIN*, CASREACT
        (*File contains numerically searchable property data)
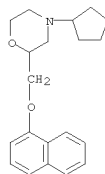
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN   47147-51-3  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   Morpholine, 2-[(1-naphthalenyloxy)methyl]-4-(2-propen-1-yl)-  (CA INDEX
     NAME)
OTHER CA INDEX NAMES:
CN   Morpholine, 2-[(1-naphthalenyloxy)methyl]-4-(2-propenyl)-  (9CI)
MF   C18 H21 N O2
CI   COM
LC   STN Files:  BEILSTEIN*, CASREACT
        (*File contains numerically searchable property data)

CH₂—CH=CH₂ structure

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN   47147-50-2  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   Morpholine, 4-(1-methylethyl)-2-[(1-naphthalenyloxy)methyl]-  (CA INDEX
     NAME)
MF   C18 H23 N O2
CI   COM
LC   STN Files:  BEILSTEIN*, CASREACT
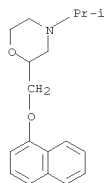        (*File contains numerically searchable property data)
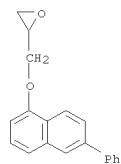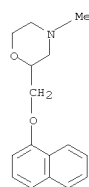
Pr-i structure

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L10   ANSWER 5508 OF 5518   REGISTRY   COPYRIGHT 2009 ACS on STN
RN    47145-91-5   REGISTRY
ED    Entered STN:  16 Nov 1984
CN    Oxirane, 2-[[(6-phenyl-1-naphthalenyl)oxy]methyl]-   (CA INDEX NAME)
OTHER CA INDEX NAMES:
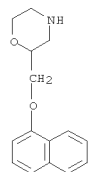CN    Oxirane, [[(6-phenyl-1-naphthalenyl)oxy]methyl]-  (9CI)
MF    C19 H16 O2
CI    COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L10   ANSWER 5509 OF 5518   REGISTRY   COPYRIGHT 2009 ACS on STN
RN    46980-82-9   REGISTRY
ED    Entered STN:  16 Nov 1984
CN    Morpholine, 4-methyl-2-[(1-naphthalenyloxy)methyl]-   (CA INDEX NAME)
MF    C16 H19 N O2
CI    COM
LC    STN Files:   BEILSTEIN*, CASREACT
         (*File contains numerically searchable property data)



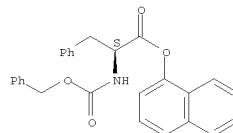**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L10   ANSWER 5510 OF 5518   REGISTRY   COPYRIGHT 2009 ACS on STN
RN    46883-99-2   REGISTRY
ED    Entered STN:  16 Nov 1984
CN    Morpholine, 2-[(1-naphthalenyloxy)methyl]-   (CA INDEX NAME)
MF    C15 H17 N O2
CI    COM
LC    STN Files:   BEILSTEIN*, CASREACT
         (*File contains numerically searchable property data)



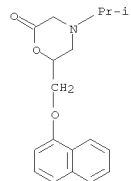**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

L10   ANSWER 5511 OF 5518   REGISTRY   COPYRIGHT 2009 ACS on STN
RN    33045-32-8   REGISTRY
ED    Entered STN:  16 Nov 1984
CN    L-Phenylalanine, N-[(phenylmethoxy)carbonyl]-, 1-naphthalenyl ester   (CA
      INDEX NAME)
FS    STEREOSEARCH
MF    C27 H23 N O4

Absolute stereochemistry.



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN     30296-29-8  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     2-Morpholinone, 4-(1-methylethyl)-6-[(1-naphthalenyloxy)methyl]-  (CA
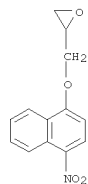       INDEX NAME)
MF     C18 H21 N O3

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN     23076-20-2  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     1,4-Benzenedicarboxylic acid, 1,4-bis(4-hydroxy-1-naphthalenyl) ester
       (CA
       INDEX NAME)
OTHER CA INDEX NAMES:
CN     Terephthalic acid, bis(4-hydroxy-1-naphthyl) ester (8CI)
MF     C28 H18 O6
CI     COM
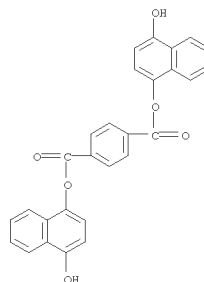
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN     22502-02-9  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     Oxirane, 2-[[(4-nitro-1-naphthalenyl)oxy]methyl]-   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN     Naphthalene, 1-(2,3-epoxypropoxy)-4-nitro- (8CI)
MF     C13 H11 N O4
CI     COM

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN     21011-81-4  REGISTRY
ED     Entered STN:  16 Nov 1984
CN     [1,1'-Binaphthalene]-4,4'-diol, 2,3'-di-1-piperidinyl-, 4,4'-dibenzoate
       (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN     [1,1'-Binaphthalene]-4,4'-diol, 2,3'-dipiperidino-, dibenzoate (ester)
       (8CI)
MF     C44 H40 N2 O4
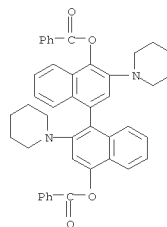
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    20601-20-1  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    1-Naphthalenol, 2-methyl-, 1-benzoate  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    1-Naphthol, 2-methyl-, benzoate (8CI)
MF    C18 H14 O2
LC    STN Files:   BEILSTEIN*
        (*File contains numerically searchable property data)
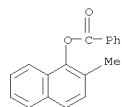


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

RN    6330-85-4  REGISTRY
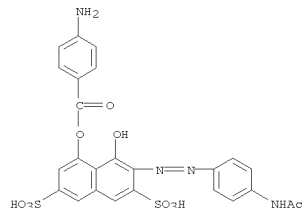ED    Entered STN:  16 Nov 1984
CN    2,7-Naphthalenedisulfonic acid, 3-[2-[4-(acetylamino)phenyl]diazenyl]-5-
      [(4-aminobenzoyl)oxy]-4-hydroxy-, sodium salt (1:2)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    2,7-Naphthalenedisulfonic acid,
      3-[(p-acetamidophenyl)azo]-4,5-dihydroxy-,
      disodium salt, p-aminobenzoate (ester) (8CI)
OTHER NAMES:
CN    NSC 45603
MF    C25 H20 N4 O10 S2 . 2 Na
CRN   (736864-07-6)

RN    5233-39-6  REGISTRY
ED    Entered STN:  16 Nov 1984
CN    2,7-Naphthalenedisulfonic acid, 3-[2-[4-[2-[3-[[(4-
      chlorophenyl)amino]carbonyl]-2-hydroxy-1-naphthalenyl]diazenyl]-2,5-
      dimethoxyphenyl]diazenyl]-4-hydroxy-5-(phenylmethoxy)-  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    2,7-Naphthalenedisulfonic acid, 3-[[4-[[3-[[(4-
      chlorophenyl)amino]carbonyl]-2-hydroxy-1-naphthalenyl]azo]-2,5-
      dimethoxyphenyl]azo]-4-hydroxy-5-(phenylmethoxy)- (9CI)
MF    C42 H32 Cl N5 O12 S2
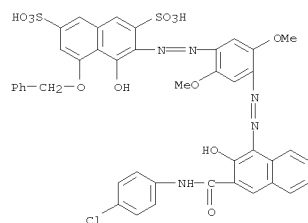


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

```
=> fil belstein
'BELSTEIN' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'REGISTRY'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available.  If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> fil beilstein
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   442.26     442.48

FILE 'BEILSTEIN' ENTERED AT 08:57:15 ON 10 AUG 2009
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FILE LAST UPDATED ON May 17, 2009

FILE COVERS 1779 TO 2008.
*** FILE CONTAINS 10,593,281  SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in
   separate documents and can not be searched together in one query.
   Reaction data for BEILSTEIN compounds may be displayed
   immediately with the display codes PRE (preparations) and REA
   (reactions).  A substance answer set retrieved after the search
   for a chemical name, a compounds with available reaction
   information by combining with PRE/FA, REA/FA or more generally
   with RX/FA. The BEILSTEIN Registry Number (BRN) is the link
```

Beilstein Records (BRN):           1216552
Beilstein Pref. RN (BPR):          46980-82-9
CAS Reg. No. (RN):                 46980-82-9
Chemical Name (CN):
4-methyl-2-naphthalen-1-yloxymethyl-morpho
                                   line
Autonom Name (AUN):
4-methyl-2-(naphthalen-1-yloxymethyl)-morp
                                   holine
Molec. Formula (MF):               C16 H19 N O2
Molecular Weight (MW):             257.33
Lawson Number (LN):                30978, 5509, 2817
Compound Type (CTYPE):             heterocyclic
Constitution ID (CONSID):          1161671
Tautomer ID (TAUTID):              1172160
Beilstein Citation (BSO):          5-27
Entry Date (DED):                  1988/11/29
Update Date (DUPD):                1992/10/07



Field Availability:

| Code | Name | Occurrence |
|------|------|-----------|
| BRN | Beilstein Records | 1 |
| BPR | Beilstein Preferred RN | 1 |
| RN | CAS Registry Number | 1 |
| CN | Chemical Name | 1 |
| AUN | Autonomname | 1 |
| MF | Molecular Formula | 1 |
| FW | Formular Weight | 1 |
| LN | Lawson Number | 3 |
| CTYPE | Compound Type | 1 |
| CONSID | Constitution ID | 1 |
| TAUTID | Tautomer ID | 1 |
| BSO | Beilstein Citation | 1 |
| DED | Entry Date | 1 |
| DUPD | Update Date | 1 |

| CDER | Chemical Derivative | 2 |
|------|------|-----------|

This substance also occurs in Reaction Documents:

| Code | Name | Occurrence |
|------|------|-----------|
| RX | Reaction Documents | 1 |
| RXPRO | Substance is Reaction Product | 1 |

```
=> d l11 all
```

Beilstein Records (BRN):              1216552
Beilstein Pref. RN (BPR):             46980-82-9
CAS Reg. No. (RN):                    46980-82-9
Chemical Name (CN):
4-methyl-2-naphthalen-1-yloxymethyl-morpho
                                      line
Autonom Name (AUN):
4-methyl-2-(naphthalen-1-yloxymethyl)-morp
                                      holine
Molec. Formula (MF):                  C16 H19 N O2
Molecular Weight (MW):                257.33
Lawson Number (LN):                   30978, 5509, 2817
Compound Type (CTYPE):                heterocyclic
Constitution ID (CONSID):             1161671
Tautomer ID (TAUTID):                 1172160
Beilstein Citation (BSO):             5-27
Entry Date (DED):                     1988/11/29
Update Date (DUPD):                   1992/10/07



Field Availability:

| Code | Name | Occurrence |
|------|------|------------|
| BRN | Beilstein Records | 1 |
| BPR | Beilstein Preferred RN | 1 |
| RN | CAS Registry Number | 1 |
| CN | Chemical Name | 1 |
| AUN | Autonomname | 1 |
| MF | Molecular Formula | 1 |
| FW | Formular Weight | 1 |
| LN | Lawson Number | 3 |
| CTYPE | Compound Type | 1 |
| CONSID | Constitution ID | 1 |
| TAUTID | Tautomer ID | 1 |
| BSO | Beilstein Citation | 1 |
| DED | Entry Date | 1 |
| DUPD | Update Date | 1 |

CDER      Chemical Derivative                     2

This substance also occurs in Reaction Documents:

| Code | Name | Occurrence |
|------|------|------------|
| RX | Reaction Documents | 1 |
| RXPRO | Substance is Reaction Product | 1 |

Chemical Derivative:
CDER
        Note(s) (.COM):                 Hydrogenoxalat:F:180-182gradC
        Reference(s):
        1. Patent: I.C.I. GB 1138405 1966, Chem.Abstr., 70(96804j), <1969>
CDER
        Note(s) (.COM):                 Hydrogenoxalat: F:180-182grad
        Reference(s):
        1. Greenwood,D.T. et al., J.Med.Chem., CODEN: JMCMAR, 18, <1975>, 573-577

Reaction:
RX
        Reaction ID (.ID):              6401361
        Product BRN (.PBRN):            1216552
        Product (.PRO):
4-methyl-2-naphthalen-1-yloxymethyl-morpho
                                      line
        No. of React. Details (.NVAR): 1

Reaction Details:
RX
        Reaction RID (.RID):            6401361.1
        Reaction Classification (.CL): Preparation (half reaction)
        Reference(s):
        1. Patent: I.C.I. GB 1138405 1966, Chem.Abstr., 70(96804j), <1969>
        2. Greenwood,D.T. et al., J.Med.Chem., CODEN: JMCMAR, 18, <1975>, 573-577

```
=> log y
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY      SESSION
FULL ESTIMATED COST                              34.16       476.64

STN INTERNATIONAL LOGOFF AT 09:01:36 ON 10 AUG 2009
```